

## DC-8 05/21/18

**Aircraft:** [DC-8 - AFRC](#) ([See full schedule](#))

**Flight Number:** 1266

**Payload Configuration:** ATom-4 configuration - AMP, AO2, ARMAS, ATHOS, CANOE, CAFS, CAPS, CIT-CIMS, DLH, DLH-X, GT-CIMS, ISAF (INOP), Medusa, MMS, NOAA-CIMS, NOyO3, PALMS, PANTHER, PFP, Picarro, QCLS, SAGA, SO2, SO3, TOGA, UCATS, WAS

**Nav Data Collected:** Yes

**Archive Data:** [20180521](#) (83 archive (plain-text) files; 4 binary files)

**Total Flight Time:** 6.8 hours

**Submitted by:** Timothy Moes on 06/06/18

**Flight Segments:**

<b>From:</b>	PANC - Anchorage, Alaska	<b>To:</b>	KPMD - Palmdale, CA
<b>Start:</b>	05/21/18 16:47 Z	<b>Finish:</b>	05/21/18 23:38 Z
<b>Flight Time:</b>	6.8 hours		
<b>Log Number:</b>	<a href="#">188004</a> - Completed as of this flight.	<b>PI:</b>	Steven Wofsy
<b>Funding Source:</b>	Jennifer Olson - NASA - SMD - ESD - ESSP Mission Manager		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	ATom-4 Science Flight RF12 PANC-KPMD. Final Flight of the 4th and final deployment of the ATom Project. Successfully completed the 4 planned vertical profile maneuvers (VPM). A flux maneuver was planned during VPM #4, but the Marine Boundary Layer was below 500 ft AGL, so just flew 500 ft AGL data line. A 1000 ft AGL 10-minute data run over the Central Valley and an MMS set of maneuvers at FL160 were also completed prior to landing in Palmdale. Science instruments had a good flight and the aircraft returned to Palmdale in great shape.		

**Flight Hour Summary:**

	<b>188004</b>
<b>Flight Hours Approved in SOFRS</b>	122.2
<b>Total Used</b>	133.2
<b>Total Remaining</b>	-11

### 188004 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">04/06/18</a>	1249	Check	3.6	3.6	118.6	
<a href="#">04/10/18 - 04/11/18</a>	1251	Check	5	8.6	113.6	
<a href="#">04/13/18 - 04/14/18</a>	1252	Check	7.9	16.5	105.7	
<a href="#">04/24/18 - 04/25/18</a>	1253	Science	9.5	26	96.2	
<a href="#">04/26/18</a>	1254	Check	2.1	28.1	94.1	
<a href="#">04/27/18 - 04/28/18</a>	1255	Science	10.3	38.4	83.8	
<a href="#">04/29/18 - 04/30/18</a>	1256	Science	8.1	46.5	75.7	
<a href="#">05/01/18 - 05/02/18</a>	1257	Science	8.2	54.7	67.5	
<a href="#">05/03/18 - 05/04/18</a>	1258	Science	7.9	62.6	59.6	
<a href="#">05/06/18 - 05/07/18</a>	1259	Science	10.2	72.8	49.4	
<a href="#">05/09/18</a>	1260	Science	10.7	83.5	38.7	
<a href="#">05/12/18</a>	1261	Science	10	93.5	28.7	

<a href="#">05/14/18</a>	1262	Science	9.4	102.9	19.3
<a href="#">05/17/18</a>	1263	Science	9.7	112.6	9.6
<a href="#">05/18/18</a>	1264	Science	3.2	115.8	6.4
<a href="#">05/19/18 - 05/20/18</a>	1265	Science	10.6	126.4	-4.2
<a href="#">05/21/18</a>	1266	Science	6.8	133.2	-11

*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

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NASA Official: Bruce A. Tagg

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